



TITLE:

## Cover & Contents

AUTHOR(S):

---

CITATION:

Cover & Contents. Bulletin of the Institute for Chemical Research, Kyoto University 1965, 43(1)

ISSUE DATE:

1965-03-25

URL:

<http://hdl.handle.net/2433/76057>

RIGHT:

BULLETIN OF THE INSTITUTE  
FOR CHEMICAL RESEARCH  
KYOTO UNIVERSITY

Vol. 43, No. 1

*Special Issue*  
*on*  
*Physical, Chemical and Biological Effects*  
*of*  
*Gamma Radiation, VI*

*Published bi-monthly by*

THE INSTITUTE FOR CHEMICAL RESEARCH  
KYOTO UNIVERSITY  
KYOTO, JAPAN

January, 1965

*(Bull. Inst. Chem. Res., Kyoto Univ.)*

# INSTITUTE FOR CHEMICAL RESEARCH KYOTO UNIVERSITY

## Director

Sango KUNICHIKA

## Members of Council

Eiichi FUJITA	Rempei GOTOH	Osamu HAYAISHI
Masao HORIO	Katsuhiko ICHIKAWA	Hiroshi INAGAKI
Kiichi KIMURA	Naokazu KOIZUMI	Sango KUNICHIKA
Michio KURATA	Minoru OHNO	Ichiro SAKURADA
Tsunenobu SHIGEMATSU	Sakae SHIMIZU	Keiiti SISIDO
Eiji SUITO	Tomoji SUZUKI	Toshio TAKADA
Hideo TAKAKI	Yoshimasa TAKEZAKI	Megumi TASHIRO
Waichiro TSUJI	Tatsuo YAMAMOTO	Hideki YUKAWA

## Publication Committee

Katsuhiko ICHIKAWA	Naokazu KOIZUMI	Sango KUNICHIKA
Michio KURATA	Minoru OHNO	Sakae SHIMIZU
Megumi Tashiro		

## Business Stuff

Yaichi ISHIMOTO    Gisaburo TABUCHI

## History of Publications

Term	Vol.	Title	Published
Jan., 1929- Dec., 1947	1-16	化学研究講演集 (The Reports of the Institute for Chemical Research)	Indeterminately
April, 1933	—	10 Jahre Institut für chemische Forschung (化学研究所創立十周年記念号)	—
March, 1949- Dec., 1949	17-19	化研講演集 (The Reports of the Institute for Chemical Research)	Indeterminately
March, 1950- Sept., 1952	20-30	化学研究所報告 (Bulletin of the Institute for Chemical Research)	Quarterly
Dec., 1951	—	The Commemoration Volume for the Silver Jubilee (化学研究所創立二十五周年記念号)	—
Jan., 1953 onwards	31 No. 1-	Bulletin of the Institute for Chemical Research (化学研究所報告)	Bi-monthly

### Notice

*Because of editorial delays, the issue Vol. 42 No. 6, 1964 will be several months late for publication. The No. 6 issue will contain papers on electron microscopy and the author index on all issue during 1964.*

# CONTENTS

## Special Issue on Physical, Chemical and Biological Effects of Gamma Radiation, VI

Yoneta Ichikawa: Dating of Ancient Ceramics by Thermoluminescence .....	1
Norio Nemoto, Masami Tanaka, Hisashi Odani and Mikio Tamura: Diffusion of Ethyl Methyl Ketone in Gamma-Ray Irradiated Polystyrene .....	7
Saburo Matsuoka: Effect of Gamma-Irradiation on the RNA Content of <i>Euglena</i> Cells .....	17
Hiromu Kakimoto, Toshifumi Saigusa and Sakae Shimizu: Streaming of Gamma-Rays through Metallic Pipes .....	22
Shozo Horikiri and Toshifumi Saigusa: The Study of Energy Transfer in Binary Organic Liquid Mixtures under Gamma-Irradiation .....	45
Hirotoishi Kitagawa: Effect of the Gamma-Ray Irradiation on the Removal of Astringency in Kaki (Oriental Persimmons) .....	60
Masaharu Hama: The Use of Preserved Hematopoietic Tissues for Treat- ment of Mice Lethally Irradiated with Gamma-Rays under High Dose Rate. (I), Effect of Preserved Isologous Bone Marrow .....	64
Waichiro Tsuji, Masazo Imai, Yoriko Kadono and Kimiko Ichikawa: Properties of Graft Copolymerized Cellulose Fiber. (II), Butadiene Grafted Cotton and Rayon .....	94
<hr/>	
Abstracts .....	102
Correction .....	134

京都大学化学研究所報告第43巻第1号

昭和40年3月23日 印刷      【非売品】  
昭和40年3月25日 発行

大阪府高槻市大学町1番9号

京都大学化学研究所

編集兼発行人      国      近      三      吾

京都市上京区下立売通小川東入

印刷所      中西印刷株式会社

京都市上京区下立売通小川東入

印刷者      中西勝太郎